

## EAST Search History

| Ref # | Hits  | Search Query                                                                                               | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|-------|------------------------------------------------------------------------------------------------------------|------------------------------|------------------|---------|------------------|
| S1    | 3     | ((RAJESH) near2 (BALCHANDRAN)).INV.                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 09:35 |
| S2    | 9     | ((LINDA) near2 (BOYER)).INV.                                                                               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 09:37 |
| S3    | 8     | ("0002002" "6144989" "6260059"<br> "6263051" "6292548" "6349132"<br> "6735560").PN.                        | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 13:33 |
| S4    | 7     | ("0002002" "6144989" "63326005<br>9" "6263051" "6292548" "634913<br>2" "6735560").PN.                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 14:34 |
| S5    | 7     | ("20020103837" "6144989" "6260<br>059" "6263051" "6292548" "6349<br>132" "6735560").PN.                    | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 15:31 |
| S6    | 1     | "6845356".pn.                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 14:37 |
| S7    | 18660 | "704".clas.                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 15:34 |
| S8    | 17548 | (action or token) near5<br>(interpret\$3 or translat\$3 or<br>understand\$3 or meaning or<br>decipher\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 15:53 |
| S9    | 84    | (action and token) near5<br>(interpret\$3 or translat\$3 or<br>understand\$3 or meaning or<br>decipher\$3) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 16:54 |
| S10   | 15    | S9 and ((speech near2 recogni\$4)<br>or (nlu or (natural near2<br>language)))                              | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/16 11:19 |
| S11   | 53    | (action and token) near5<br>(interpret\$3 or translat\$3 or<br>understand\$3 or decipher\$3)               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 16:54 |
| S12   | 1     | S11 and nlu                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 16:54 |
| S13   | 30    | token near2 interpreter                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 17:48 |
| S14   | 197   | action near2 interpreter                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/05/14 17:48 |

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|     |       |                                                                                                                                                                                                                                         |                                                                            |    |    |                  |
|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|----|------------------|
| S15 | 4     | S14 and S7                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/15 13:00 |
| S16 | 24959 | (utterance or input) near7<br>(interpret\$3 or determin\$5 or<br>classif\$ or check\$3 or defin\$3 or<br>decid\$3 or evaluat\$3 or analyz\$3<br>or analys\$3 or identif\$4) near8<br>(action or token or request or<br>command or task) | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/15 13:38 |
| S17 | 18680 | "704".clas.                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/24 12:52 |
| S18 | 1239  | S16 and S17                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/15 13:41 |
| S19 | 385   | S18 and (routing or route\$1)                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/15 13:42 |
| S20 | 557   | (route\$1 or routing) near3 token                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/16 11:20 |
| S21 | 18680 | "704".clas.                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/16 11:20 |
| S22 | 2     | S20 and S21                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/16 11:34 |
| S23 | 10150 | (classify\$3 or classif\$3) near5<br>(action or token or input or<br>domain)                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/16 11:38 |
| S24 | 768   | S23 and S21                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/16 11:38 |
| S25 | 158   | S24 and ("natural language" or<br>nlu)                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/16 13:39 |
| S26 | 94    | S24 and token                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/16 13:39 |
| S27 | 46    | mixed\$1initiative near2 dialog                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12 16:51 |

## EAST Search History

|     |       |                                                                                                                             |                                                                            |    |    |                  |
|-----|-------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|----|------------------|
| S28 | 1     | "20070078663".pn.                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/17 10:56 |
| S29 | 505   | (speech near2 recogni\$4) with<br>(connect\$3 or attach\$3) with<br>computer                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/17 11:19 |
| S30 | 2     | "20020087319".pn.                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/17 11:13 |
| S31 | 18    | (speech near2 recogni\$4 near2<br>module) with (connect\$3 or<br>attach\$3) with (computer or<br>(electronic near2 device)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/17 12:53 |
| S32 | 2     | "20050071170".pn.                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:19 |
| S33 | 317   | action near2 router                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/22 14:19 |
| S34 | 18718 | "704".clas.                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/05/22 14:20 |

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|     |       |                                                                                        |                                                                            |    |     |                  |
|-----|-------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| S35 | 46290 | S34 amd S33                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/22 14:20 |
| S36 | 8     | S34 and S33                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/22 16:24 |
| S37 | 95    | (dialog or dialogue) near3<br>(managing or manage\$4) and<br>(context near2 dependent) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/22 16:32 |
| S38 | 0     | S37 and S33                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/22 16:32 |
| S39 | 36    | S37 and S34                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/22 18:26 |
| S40 | 2     | ("4688195").PN.                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/22 18:27 |
| S41 | 4271  | (704/275,270,9).CCLS.                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/24 12:28 |

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|     |      |                                                                                                                                   |                                                                            |    |     |                  |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| S42 | 81   | ((receiv\$3 or accept\$3 or tak\$3) near5 (action and (token or item))) same (interpret\$3 or analiz\$3)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/24 12:44 |
| S43 | 1    | S41 and S42                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/24 12:38 |
| S44 | 27   | (distinguish\$3 or determin\$3 or differentiat\$3 or identify\$3 or classify\$3) with (context near2 (dependent and independent)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/24 12:49 |
| S45 | 1    | S44 and S41                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/24 12:49 |
| S46 | 1626 | (704/275).CCLS.                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/24 16:28 |
| S47 | 1626 | (704/275).CCLS.                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/24 16:29 |
| S48 | 468  | S47 and (dialog or dialogue)                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/24 16:45 |

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|     |      |                                 |                                                                            |    |     |                  |
|-----|------|---------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| S49 | 1315 | (704/9).CCLS.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/24 16:45 |
| S50 | 0    | ("I3and(dialogordialogue)").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/24 16:45 |
| S51 | 277  | S49 and (dialog or dialogue)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/24 16:45 |
| S52 | 3170 | (704/270,275).CCLS.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/12 16:26 |
| S53 | 4903 | (704/270,275,9,257).CCLS.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/12 16:26 |
| S54 | 945  | (379/88.04,88.18,88.23).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/12 16:35 |
| S55 | 52   | S53 and S54                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/12 16:35 |

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|     |          |                                                                                                                                                                                                                                                                                   |                                                                            |    |    |                  |
|-----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|----|------------------|
| S56 | 5796     | S53 or S54                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12 16:36 |
| S57 | 25001960 | @ad<"20031001"                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12 16:37 |
| S58 | 4691     | S56 and S57                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12 16:37 |
| S59 | 80       | S58 and (ivr or (interactive near2<br>voice near2 response)) and<br>(natural near2 language) and<br>(reservation or bank or account or<br>flight) and (route\$1 or routing or<br>direct\$3 or send\$3 or manag\$3)<br>and (action or task or command or<br>quer\$3 or request\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12 16:51 |
| S60 | 6        | mixed\$1initiative and S59                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12 16:51 |